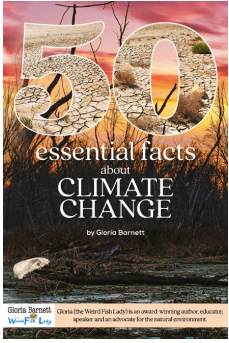


Teacher's Resource



'50 Essential Facts about Climate Change'

Ideas for how to use this book in your classroom (Ages 13-18)

1. Fact Presentations

- **Activity:** Divide students into groups, assigning each a specific fact from the book. Have them create a presentation or infographic that explains their fact and its implications.
- **Goal:** Enhance understanding and public speaking skills.

2. Debate

- **Activity:** Organize a debate around a controversial climate change topic (e.g., renewable energy vs. fossil fuels). Use facts from the book to support arguments.
- **Goal:** Develop critical thinking and argumentation skills.

3. Creative Writing

- **Activity:** Ask students to write a short story or poem from the perspective of someone affected by climate change, using facts from the book to inform their narrative.
- **Goal:** Foster empathy and creativity.

4. Art Projects

- **Activity:** Encourage students to create posters or visual art that represent key facts about climate change. Display them around the school.
- **Goal:** Raise awareness and engage visually-oriented learners.

5. Climate Action Plans

- **Activity:** Have students develop personal or community action plans to combat climate change. They should incorporate facts from the book to justify their proposals.
- **Goal:** Empower students to take initiative and feel responsible.

6. Science Experiments

- **Activity:** Conduct simple experiments that demonstrate climate change effects, like measuring CO2 levels or simulating the greenhouse effect.
- **Goal:** Provide hands-on learning experiences.

7. Guest Speakers

- **Activity:** Invite local climate experts or activists to speak to the class about their work and the importance of climate action.
- **Goal:** Connect students with real-world applications and inspire action.

8. Documentary Screening

- **Activity:** Screen documentaries related to climate change and facilitate discussions afterward. Use book facts to frame discussions.
- **Goal:** Enhance understanding through visual storytelling.

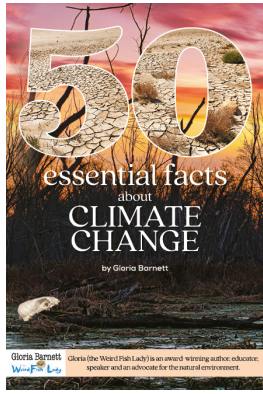
9. Social Media Campaign

- **Activity:** Have students create a social media campaign promoting awareness of climate change, using facts from the book.
- **Goal:** Teach digital literacy and outreach.

10. Role-Playing

- **Activity:** Assign roles (scientists, policymakers, activists) and have students role-play a climate summit, discussing solutions using book facts.
- **Goal:** Encourage collaboration and understanding of multiple perspectives.

These activities can help students engage with the material while developing a deeper understanding of climate change and its impact.



Teacher's Resource

'50 Essential Facts about Climate Change'

Ideas for how to use this book in your classroom (Ages 13-18)

Use the Facts in the book to help student's understanding - then use these documentaries to spark discussions and deepen students' understanding of climate change and its multifaceted impact.

1. "Before the Flood"

- **Overview:** Narrated by Leonardo DiCaprio, this documentary explores the effects of climate change and the urgent actions needed to combat it.
- **Key Themes:** Environmental impact, renewable energy, activism.

2. "Chasing Ice"

- **Overview:** Follows photographer James Balog as he captures the melting of glaciers, providing visual evidence of climate change.
- **Key Themes:** Visual storytelling, climate science, urgency of action.

3. "Our Planet"

- **Overview:** A stunning nature documentary series narrated by David Attenborough, highlighting the beauty of the natural world and the threats it faces from climate change.
- **Key Themes:** Biodiversity, conservation, human impact.

4. "The True Cost"

- **Overview:** While focused on the fashion industry, this documentary examines environmental degradation and labor issues related to fast fashion.
- **Key Themes:** Consumerism, sustainability, ethical choices.

5. "Years of Living Dangerously"

- **Overview:** A multi-part series featuring celebrity correspondents tackling climate change issues and solutions around the world.
- **Key Themes:** Activism, policy, global perspectives.

6. "This Changes Everything"

- **Overview:** Based on Naomi Klein's book, this documentary discusses the connection between capitalism and climate change.
- **Key Themes:** Economic systems, activism, social justice.

7. "Planet Earth II"

- **Overview:** A follow-up to the acclaimed series, showcasing the beauty of nature while highlighting the environmental challenges it faces.
- **Key Themes:** Biodiversity, conservation, habitat loss.

8. "Ice on Fire"

- **Overview:** Narrated by Leonardo DiCaprio, this documentary explores innovative solutions to climate change and the urgency of action.
- **Key Themes:** Solutions, technology, hope.

9. "The 11th Hour"

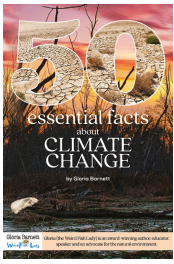
- **Overview:** Explores the state of the environment and features insights from experts on the impact of human activities on the planet.
- **Key Themes:** Urgency, environmental science, collective action.

10. "Kiss the Ground"

- **Overview:** Focuses on regenerative agriculture as a solution to climate change, highlighting how soil health can restore the planet.
- **Key Themes:** Agriculture, sustainability, solutions.

Documentaries

Here are some documentaries from the list that may be **available for free or through streaming services** with free trial options:



Use the Facts in the book to help student's understanding - then use these documentaries to spark discussions and deepen students' understanding of climate change and its multifaceted impact.

1. "Before the Flood"

- **Availability:** Often available for free on platforms like Hulu (USA) or through educational streaming services.

2. "Chasing Ice"

- **Availability:** Sometimes available for free on platforms like Amazon Prime Video with a trial, or through educational screenings.

3. "Our Planet"

- **Availability:** Available on Netflix, which offers a free trial for new users.

4. "Years of Living Dangerously"

- **Availability:** Check platforms like Hulu (USA) or Amazon for potential free streaming options.

5. "Kiss the Ground"

- **Availability:** Occasionally available for free on platforms like Netflix or through special events.

General Resources

- **YouTube:** Some documentaries may be uploaded legally on YouTube, so it's worth checking there.
- **Public Libraries:** Many libraries offer free access to documentaries

Always confirm availability, as it can change frequently!